

Title (en)  
Steering column assembly for vehicle

Title (de)  
Lenksäuleneinheit für Fahrzeug

Title (fr)  
Ensemble de colonne de direction pour véhicule

Publication  
**EP 0816205 A3 19990526 (EN)**

Application  
**EP 97109242 A 19970606**

Priority  
JP 17193296 A 19960702

Abstract (en)  
[origin: EP0816205A2] A steering column assembly has a column support member (7) for supporting a steering column (8), a mounting bracket (1) fixed to a vehicle body and formed with elongate holes (9) for tilt adjustment, a clamping bolt (10) passing through the elongate holes and bolt holes of the column support member (7), and a manual tilt lever (13). The assembly further includes a first stopper member (20) mounted on a first end of the bolt for limiting a rotation of the tilt lever, and a second stopper member (21) mounted on a second end of the bolt for preventing a rotation of the bolt. The column support member (7) has engaging arms (19) projecting rearwards, and the first and second stopper members have engaging arms (23,24) projecting rearwards and engaging with the arm ends of the column support member (7) on the rear side of the mounting bracket (1), respectively, so as to prevent the tilt lever (13) from rotating downwards in a secondary collision.

IPC 1-7  
**B62D 1/18**

IPC 8 full level  
**B62D 1/18** (2006.01); **B62D 1/184** (2006.01); **B62D 1/19** (2006.01)

CPC (source: EP US)  
**B62D 1/184** (2013.01 - EP US); **B62D 1/195** (2013.01 - EP US)

Citation (search report)

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- [A] US 5294149 A 19940315 - HALDRIC BERNARD [FR], et al
- [A] US 5287763 A 19940222 - NAGASHIMA TOSHIYUKI [JP]
- [AP] US 5531317 A 19960702 - TOMARU MASAKI [JP]

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GB2408242A; GB2408242B; US7125046B2

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